

ABSTRACT

The invention provides a pair of parallel megasonic transducers that generate parallel columns of megasonic waves across a cleaning container. Semiconductor wafers move back and forth transverse to the columns. The transducers have their back side potted with a silicone elastomer to prevent corrosion. In another embodiment megasonic waves from in-line transducers are dispersed with a cylindrical quartz rod. Water is enriched with ozone by pumping ozone under pressure through a filter into sealed housing of deionized water.

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